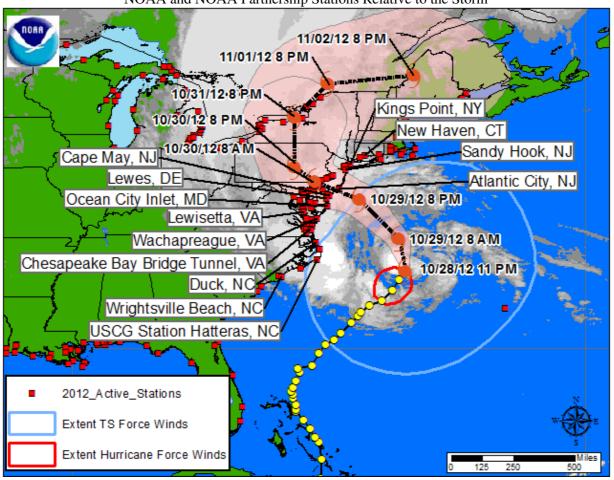


NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 10/29/2012 00:00 EDT, water levels from the Outer Banks of North Carolina to Long Island Sound are rising. Water levels along the Mid-Atlantic Coast from USCG Station Hatteras, NC to Kings Point, NY range from 2.4 to 4.3 feet above tidal predictions. Water levels from southern North Carolina to South Carolinaremain elevated by 1 to 2 feet above tidal predictions.

Winds from the Outer Banks of North Carolina north to Delaware range from 20 to 40 kntos with gusts to 55 knots measured at USCG Station Hatteras, NC. Winds from New Jersey to Connecticut are slowly increasing and generally range between 10 and 20 knots. Barometric pressure is falling from the Outer Banks of North Carolina northward to southern New England and has bottomed outor is rising from southern North Carolina southward.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to <u>Mean Lower Low Water</u> are:

Duck, NC: Next predicted high tides are 4.0 ft (1.23 m) at 10/29/2012 07:41 EDT and 3.3 ft (1.01 m) at 10/29/2012 19:56 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 3.2 ft (0.98 m) at 10/29/2012 08:37 EDT and 2.6 ft (0.81 m) at 10/29/2012 20:52 EDT.

Wachapreague, VA: Next predicted high tides are 5.0 ft (1.52 m) at 10/29/2012 08:43 EDT and 4.3 ft (1.32 m) at 10/29/2012 20:58 EDT.

Lewisetta, VA: Next predicted high tides are 1.4 ft (0.44 m) at 10/29/2012 01:42 EDT and 1.6 ft (0.50 m) at 10/29/2012 14:02 EDT.

Ocean City Inlet, MD: Next predicted high tides are 2.6 ft (0.78 m) at 10/29/2012 08:19 EDT and 2.1 ft (0.66 m) at 10/29/2012 20:25 EDT.

Lewes, DE: Next predicted high tides are 4.9 ft (1.48 m) at 10/29/2012 08:55 EDT and 4.1 ft (1.25 m) at 10/29/2012 21:15 EDT.

Cape May, NJ: Next predicted high tides are 5.7 ft (1.72 m) at 10/29/2012 08:49 EDT and 4.9 ft (1.51 m) at 10/29/2012 21:09 EDT.

Atlantic City, NJ: Next predicted high tides are 4.8 ft (1.47 m) at 10/29/2012 07:41 EDT and 4.1 ft (1.27 m) at 10/29/2012 20:00 EDT.

Sandy Hook, NJ: Next predicted high tides are 5.5 ft (1.69 m) at 10/29/2012 08:01 EDT and 4.9 ft (1.50 m) at 10/29/2012 20:22 EDT.

Kings Point, NY: Next predicted high tides are 8.3 ft (2.54 m) at 10/29/2012 12:00 EDT and 7.6 ft (2.34 m) at 10/30/2012 00:27 EDT.

Bridgeport, CT: Next predicted high tides are 7.6 ft (2.31 m) at 10/29/2012 11:29 EDT and 6.9 ft (2.12 m) at 10/29/2012 23:57 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.9 ft (0.28 m) at 10/29/2012 08:59 EDT and 0.7 ft (0.22 m) at 10/29/2012 21:30 EDT.

Wrightsville Beach, NC: Next predicted high tides are 4.9 ft (1.49 m) at 10/29/2012 07:31 EDT and 4.1 ft (1.28 m) at 10/29/2012 19:50 EDT.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see <u>Tidal Datums</u>. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst:PFF		

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 27 NWS NATIONAL HURRICANE CENTER MIAMI FL 1100 PM EDT SUN OCT 28 2012

...SANDY ABOUT TO START ITS NORTHWARD TURN...EXPECTED TO BRING LIFE-THREATENING STORM SURGE...COASTAL HURRICANE WINDS AND HEAVY APPALACHIAN SNOWS...

#### WATCHES AND WARNINGS

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A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* NORTH OF SURF CITY TO DUCK NORTH CAROLINA
- \* PAMLICO AND ALBEMARLE SOUNDS
- \* BERMUDA

IN ADDITION...HURRICANE-FORCE WINDS ARE EXPECTED ALONG PORTIONS OF THE COAST BETWEEN CHINCOTEAGUE VIRGINIA AND CHATHAM MASSACHUSETTS. THIS INCLUDES THE TIDAL POTOMAC FROM COBB ISLAND TO SMITH POINT... THE MIDDLE AND UPPER CHESAPEAKE BAY...DELAWARE BAY...AND THE COASTS OF THE NORTHERN DELMARVA PENINSULA...NEW JERSEY...THE NEW YORK CITY AREA...LONG ISLAND...CONNECTICUT...AND RHODE ISLAND.

TROPICAL-STORM-FORCE WINDS ARE EXPECTED NORTH OF CHATHAM TO MERRIMACK RIVER MASSACHUSETTS...THE LOWER CHESAPEAKE BAY...AND SOUTH OF CHINCOTEAGUE TO DUCK NORTH CAROLINA...THE NORTHERN ENDPOINT OF THE TROPICAL STORM WARNING.

OTHER COASTAL AND INLAND WATCHES AND WARNINGS ARE IN EFFECT FOR THESE AREAS. PLEASE SEE STATEMENTS FROM LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

#### DISCUSSION AND 48-HOUR OUTLOOK

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AT 1100 PM EDT THE CENTER OF HURRICANE SANDY WAS LOCATED ABOUT 290 MI E OF CAPE HATTERAS NORTH CAROLINA ABOUT 470 MI SSE OF NEW YORK CITY. SANDY IS MOVING TOWARD THE NORTHEAST NEAR 14 MPH. A TURN TOWARD THE NORTH IS EXPECTED DURING THE NEXT SEVERAL HOURS...WITH A TURN TOWARD THE NORTHWEST EXPECTED ON MONDAY. ON THE FORECAST TRACK... THE CENTER OF SANDY WILL MOVE OVER THE COAST OF THE MID-ATLANTIC STATES LATE MONDAY OR MONDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. SANDY IS EXPECTED TO TRANSITION INTO A FRONTAL OR WINTERTIME LOW PRESSURE SYSTEM PRIOR TO LANDFALL. HOWEVER...THIS TRANSITION WILL NOT BE ACCOMPANIED BY A WEAKENING OF THE SYSTEM...AND IN FACT...A LITTLE STRENGTHENING IS POSSIBLE DURING THIS PROCESS. SANDY IS EXPECTED TO WEAKEN AFTER MOVING INLAND.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 175 MILES MAINLY TO THE SOUTHWEST OF THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 520 MILES. A NATIONAL OCEAN SERVICE STATION AT THE WILLOUGHBY DEGAUSSING STATION NEAR NORFOLK NAVAL STATION VIRGINIA RECENTLY REPORTED SUSTAINED WINDS OF 45 MPH WITH A GUST TO 53 MPH. A WEATHERFLOW STATION AT THIMBLE SHOALS VIRGINIA RECENTLY REPORTED SUSTAINED WINDS OF 44 MPH AND A WIND GUST OF 52 MPH.

THE MINIMUM CENTRAL PRESSURE BASED ON AIR FORCE RESERVE AND NOAA HURRICANE HUNTER AIRCRAFT DATA IS 950 MB...28.05 INCHES.

#### HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE ALREADY OCCURRING OVER COASTAL NORTH CAROLINA AND SOUTHEASTERN VIRGINIA. GALE FORCE WINDS ARE EXPECTED TO ARRIVE ALONG PORTIONS OF THE MID-ATLANTIC COAST LATER TONIGHT...AND REACH LONG ISLAND AND SOUTHERN NEW ENGLAND BY MONDAY MORNING. WINDS OF HURRICANE FORCE COULD REACH THE MID-ATLANTIC STATES...INCLUDING LONG ISLAND...ON MONDAY. WINDS AFFECTING THE UPPER FLOORS OF HIGH RISE BUILDINGS WILL BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND LEVEL.

STORM SURGE...THE COMBINATION OF AN EXTREMELY DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

NC NORTH OF SURF CITY INCLUDING PAMLICO/ALBEMARLE SOUNDS...4 TO 6 FT SE VA AND DELMARVA INCLUDING LOWER CHESAPEAKE BAY...2 TO 4 FT UPPER AND MIDDLE CHESAPEAKE BAY...1 TO 3 FT LONG ISLAND SOUND...RARITAN BAY...AND NEW YORK HARBOR...6 TO 11 FT ELSEWHERE FROM OCEAN CITY MD TO THE CT/RI BORDER...4 TO 8 FT CT/RI BORDER TO THE SOUTH SHORE OF CAPE COD INCLUDING BUZZARDS BAY AND NARRAGANSETT BAY...3 TO 6 FT CAPE COD TO THE MA/NH BORDER INCLUDING CAPE COD BAY...2 TO 4 FT MA/NH BORDER TO THE U. S./CANADA BORDER...1 TO 3 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. GIVEN THE LARGE WIND FIELD ASSOCIATED WITH SANDY...ELEVATED WATER LEVELS COULD SPAN MULTIPLE TIDE CYCLES RESULTING IN REPEATED AND EXTENDED PERIODS OF COASTAL AND BAYSIDE FLOODING. IN ADDITION... ELEVATED WATERS COULD OCCUR FAR REMOVED FROM THE CENTER OF SANDY. FURTHERMORE...THESE CONDITIONS WILL OCCUR REGARDLESS OF WHETHER TROPICAL DEPRESSION POST-TROPICAL CYCLONE. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...RAINFALL TOTALS OF 3 TO 6 INCHES ARE EXPECTED OVER FAR NORTHEASTERN NORTH CAROLINA WITH ISOLATED MAXIMUM TOTALS OF 8 INCHES POSSIBLE. RAINFALL AMOUNTS OF 4 TO 8 INCHES ARE EXPECTED OVER PORTIONS OF THE MID ATLANTIC STATES...INCLUDING THE DELMARVA PENINSULA...WITH ISOLATED MAXIMUM AMOUNTS

OF 12 INCHES POSSIBLE. RAINFALL AMOUNTS OF 1 TO 3 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 5 INCHES ARE POSSIBLE FROM THE SOUTHERN TIER OF NEW YORK STATE NORTHEASTWARD THROUGH NEW ENGLAND.

SNOWFALL...SNOW ACCUMULATIONS OF 2 TO 3 FEET ARE EXPECTED IN THE MOUNTAINS OF WEST VIRGINIA...WITH LOCALLY HIGHER TOTALS TONIGHT THROUGH TUESDAY NIGHT. SNOWFALL OF 1 TO 2 FEET IS EXPECTED IN THE MOUNTAINS OF SOUTHWESTERN VIRGINIA TO THE KENTUCKY BORDER... WITH 12 TO 18 INCHES OF SNOW POSSIBLE IN THE MOUNTAINS NEAR THE NORTH CAROLINA/TENNESSEE BORDER AND IN THE MOUNTAINS OF WESTERN MARYLAND.

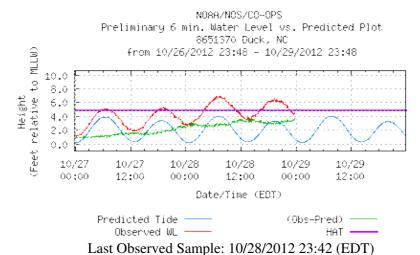
SURF...DANGEROUS SURF CONDITIONS WILL CONTINUE FROM FLORIDA THROUGH THE MID-ATLANTIC STATES FOR THE NEXT COUPLE OF DAYS AND SPREAD INTO THE NORTHEASTERN STATES LATER TODAY.

FORECASTER BEVEN/ROBERTS

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

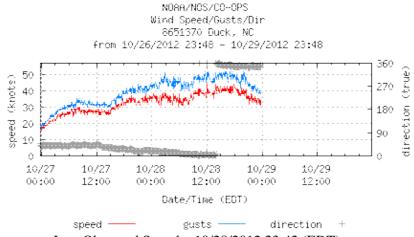
Jump to: Duck - Water Level, Duck - Winds, Duck - Barometric, Chesapeake Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel - Barometric, Wachapreague - Water Level, Wachapreague - Winds, Wachapreague - Barometric, Lewisetta - Water Level, Lewisetta - Winds, Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Ocean City Inlet - Barometric, Lewes - Water Level, Lewes - Winds, Lewes - Barometric, Cape May - Water Level, Cape May - Winds, Cape May - Barometric, Atlantic City - Water Level, Atlantic City - Barometric, Sandy Hook - Water Level, Sandy Hook - Winds, Sandy Hook - Barometric, Kings Point - Water Level, Kings Point - Winds, Kings Point - Barometric, Bridgeport - Water Level, Bridgeport - Winds, Bridgeport - Barometric, USCG Station Hatteras - Water Level, Wrightsville Beach - Barometric,

## Duck, NC - Return to List



Relative to MLLW: Observed: 4.33 ft. Predicted: 0.76 ft. Residual: 3.57 ft. Historical Maximum Water Level: Sep 18 2003, 4.13 ft. above MHHW

### Duck, NC - Return to List



Last Observed Sample: 10/28/2012 23:42 (EDT) Wind Speed: 34 knots Gusts: 38 knots Direction: 351° T

### Duck, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8651370 Duck, NC from 10/26/2012 23:48 - 10/29/2012 23:48



barometric pressure

Last Observed Sample: 10/28/2012 23:42 (EDT)

Barometric Pressure: 990.0 mb

## Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/CO--OPS

Preliminary 6 min. Water Level vs. Predicted Plot 8638863 Chesapeake Bay Bridge Tunnel, VA Height (Feet relative to MLLW) from 10/26/2012 23:48 - 10/29/2012 23:48 10.0 8.0 6.0 4.0 2,0 0.0

10/28

00:00

10/27

00:00

10/27

12:00

Predicted Tide (Obs-Pred) Observed WL HAT

10/28

12:00

Date/Time (EDT)

10/29

00:00

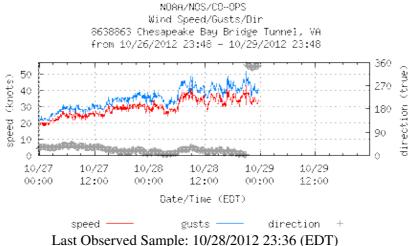
10/29

12:00

Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 5.20 ft. Predicted: 1.20 ft. Residual: 4.00 ft. Historical Maximum Water Level: Nov 12 2009, 4.66 ft. above MHHW

## Chesapeake Bay Bridge Tunnel, VA - Return to List



Wind Speed: 34 knots Gusts: 41 knots Direction: 349° T

#### Chesapeake Bay Bridge Tunnel, VA - Return to List

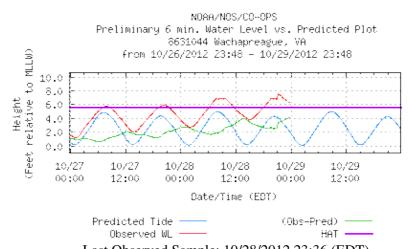
NOAA/NOS/CO-OPS Barometric Pressure Plot 8638863 Chesapeake Bay Bridge Tunnel, VA from 10/26/2012 23:48 - 10/29/2012 23:48



barometric pressure ——
Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 994.3 mb

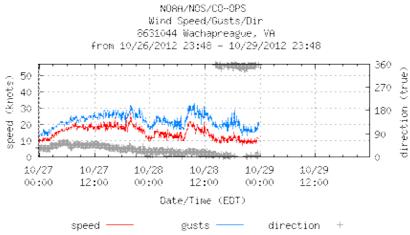
### Wachapreague, VA - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 6.29 ft. Predicted: 2.12 ft. Residual: 4.17 ft. Historical Maximum Water Level: Feb 5 1998, 4.41 ft. above MHHW

### Wachapreague, VA - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 11 knots Gusts: 21 knots Direction: 357° T

### Wachapreague, VA - Return to List

NOAA/NOS/CO--OPS

8arometric Pressure Plot 8631044 Wachapreague, VA from 10/26/2012 23:48 - 10/29/2012 23:48 1020 1016 1012 1008 1004 1000 996 992

10/28

00:00

Pressure (Mb)

10/27

00:00

10/27

12:00

Date/Time (EDT)
barometric pressure ——

10/28

12:00

10/29

12:00

HAT

1.0/29

00:00

Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 995.1 mb

## Lewisetta, VA - Return to List

NOAA/NOS/CO--OPS Preliminary 6 min. Water Level vs. Predicted Plot 8635750 Lewisetta, VA Height (Feet relative to MLLW) from 10/26/2012 23:48 - 10/29/2012 23:48 10.0 8.0 6.0 4.0 2,0 0.0 10/27 10/27 10/28 10/28 10/29 10/29 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EDT) Predicted Tide (Obs-Pred)

Observed WL

Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 3.08 ft. Predicted: 1.13 ft. Residual: 1.95 ft. Historical Maximum Water Level: Sep 1 2006, 4.14 ft. above MHHW

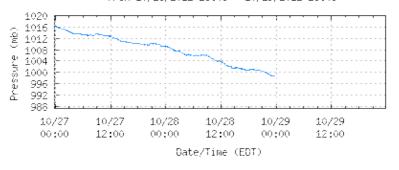
## Lewisetta, VA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8635750 Lewisetta, VA from 10/26/2012 23:48 - 10/29/2012 23:48 360 50 speed (knots) 270 40 30 direction 180 20 90 10 0 10/27 1.0/29 10/29 10/27 1.0/28 10/28 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) gusts direction speed

Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 15 knots Gusts: 24 knots Direction: 31° T

### Lewisetta, VA - Return to List

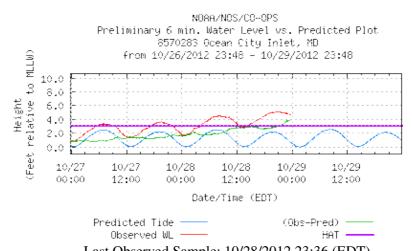
NOAA/NOS/CO-OPS Barometric Pressure Plot 8635750 Lewisetta, VA from 10/26/2012 23:48 - 10/29/2012 23:48



barometric pressure ——
Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 998.6 mb

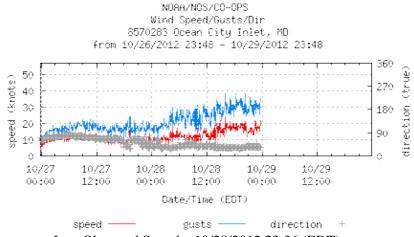
#### Ocean City Inlet, MD - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 4.67 ft. Predicted: 0.72 ft. Residual: 3.95 ft. Historical Maximum Water Level: Feb 5 1998, 3.61 ft. above MHHW

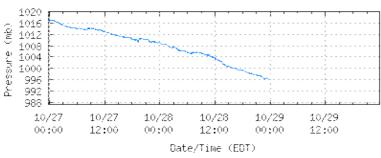
#### Ocean City Inlet, MD - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 22 knots Gusts: 35 knots Direction: 34° T

### Ocean City Inlet, MD - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8570283 Ocean City Inlet, MD from 10/26/2012 23:48 - 10/29/2012 23:48



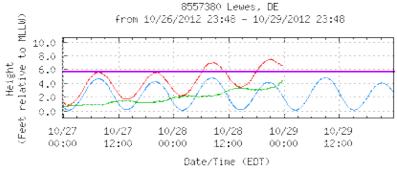
barometric pressure ——

Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 995.9 mb

### Lewes, DE - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8557380 Lewes, DE



Predicted Tide (Obs-Pred) HAT Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 6.58 ft. Predicted: 2.21 ft. Residual: 4.37 ft. Historical Maximum Water Level: Mar 6 1962, 4.57 ft. above MHHW

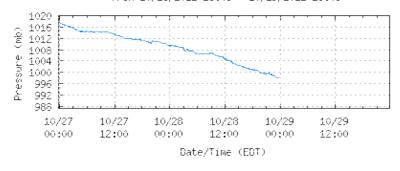
### Lewes, DE - Return to List

NOAA/NOS/CO--OPS Wind Speed/Gusts/Dir 8557380 Lewes, DE from 10/26/2012 23:48 - 10/29/2012 23:48 360 50 speed (knots) 40 30 direction 180 20 90 10 0 10/28 1.0/29 10/29 10/27 10/27 10/28 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) speed gusts direction

Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 32 knots Gusts: 40 knots Direction: 34° T

### Lewes, DE - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8557380 Lewes, DE from 10/26/2012 23:48 - 10/29/2012 23:48

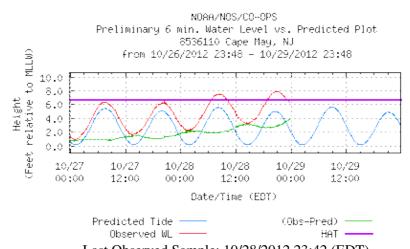


barometric pressure —

Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 998.1 mb

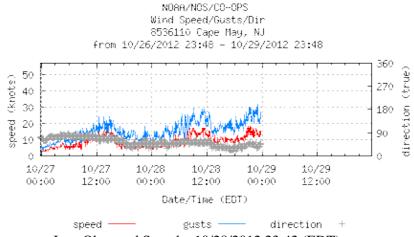
### Cape May, NJ - Return to List



Last Observed Sample: 10/28/2012 23:42 (EDT)

Relative to MLLW: Observed: 6.35 ft. Predicted: 2.35 ft. Residual: 4.00 ft. Historical Maximum Water Level: Sep 27 1985, 3.36 ft. above MHHW

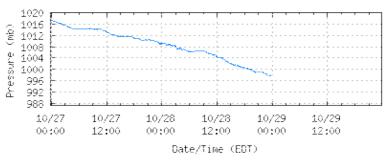
### Cape May, NJ - Return to List



Last Observed Sample: 10/28/2012 23:42 (EDT) Wind Speed: 15 knots Gusts: 27 knots Direction: 47° T

#### Cape May, NJ - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8536110 Cape May, NJ from 10/26/2012 23:48 - 10/29/2012 23:48



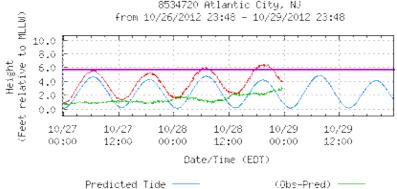
barometric pressure ——

Last Observed Sample: 10/28/2012 23:42 (EDT)

Barometric Pressure: 997.7 mb

### Atlantic City, NJ - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8534720 Atlantic City, NJ
from 10/26/2012 23:48 - 10/29/2012 23:48

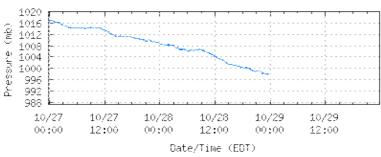


Observed WL — HAT — HAT — Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 3.98 ft. Predicted: 0.99 ft. Residual: 2.99 ft. Historical Maximum Water Level: Dec 11 1992, 4.38 ft. above MHHW

### Atlantic City, NJ - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8534720 Atlantic City, NJ from 10/26/2012 23:48 - 10/29/2012 23:48



barometric pressure —

Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 997.9 mb

### Sandy Hook, NJ - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8531680 Sandy Hook, NJ Height (Feet relative to MLLW) from 10/26/2012 23:48 - 10/29/2012 23:48 10.0 8.0 6.0 4.0 2.0 0.0 10/27 10/27 10/28 10/28 10/29 10/29 00:00 00;00 12:00 12:00 00:00 12:00 Date/Time (EDT)

Predicted Tide (Obs-Pred) (Obs-Pred) HAT (Obs-Pred)

Last Observed Sample: 10/28/2012 23:42 (EDT)
Relative to MLLW: Observed: 4.88 ft. Predicted: 1.36 ft. Residual: 3.52 ft. Historical Maximum Water Level: Sep 12 1960, 4.86 ft. above MHHW

## Sandy Hook, NJ - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8531680 Sandy Hook, NJ from 10/26/2012 23:48 - 10/29/2012 23:48 360 50 speed (knots) 270 40 30 direction 180 20 90 10 0 10/29 10/27 10/27 10/28 1.0/29 10/28 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) gusts direction speed Last Observed Sample: 10/28/2012 23:42 (EDT)

Wind Speed: 20 knots Gusts: 29 knots Direction: 49° T

### Sandy Hook, NJ - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8531680 Sandy Hook, NJ from 10/26/2012 23:48 - 10/29/2012 23:48

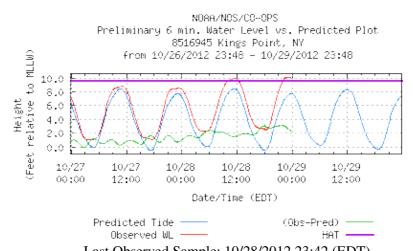


barometric pressure —

Last Observed Sample: 10/28/2012 23:42 (EDT)

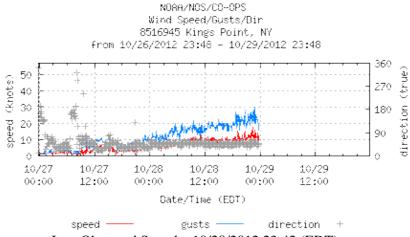
Barometric Pressure: 1003.1 mb

### Kings Point, NY - Return to List



Last Observed Sample: 10/28/2012 23:42 (EDT)
Relative to MLLW: Observed: 10.06 ft. Predicted: 7.71 ft. Residual: 2.35 ft. Historical Maximum Water Level: Aug 28 2011, 4.51 ft. above MHHW

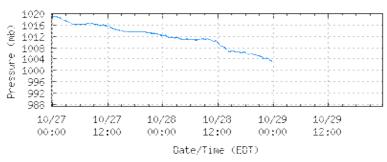
## Kings Point, NY - Return to List



Last Observed Sample: 10/28/2012 23:42 (EDT) Wind Speed: 8 knots Gusts: 16 knots Direction: 50° T

### Kings Point, NY - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8516945 Kings Point, NY from 10/26/2012 23:48 - 10/29/2012 23:48



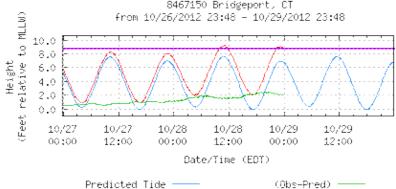
barometric pressure ——

Last Observed Sample: 10/28/2012 23:42 (EDT)

Barometric Pressure: 1003.5 mb

## Bridgeport, CT - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8467150 Bridgeport, CT from 10/26/2012 23:48 – 10/29/2012 23:48



Observed WL

Last Observed Sample: 10/28/2012 23:36 (EDT)

HAT

Relative to MLLW: Observed: 8.97 ft. Predicted: 6.91 ft. Residual: 2.06 ft. Historical Maximum Water Level: Sep 21 1938, 4.95 ft. above MHHW

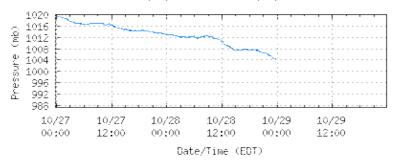
## Bridgeport, CT - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8467150 Bridgeport, CT from 10/26/2012 23:48 - 10/29/2012 23:48 360 50 speed (knots) 270 40 30 direction 180 20 90 10 0 1.0/29 10/27 10/27 10/29 1.0/28 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) gusts direction speed

Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 14 knots Gusts: 21 knots Direction: 43° T

### Bridgeport, CT - Return to List

NOAA/NOS/C9-9PS Barometric Pressure Plot 8467150 Bridgeport, CT from 10/26/2012 23:48 - 10/29/2012 23:48

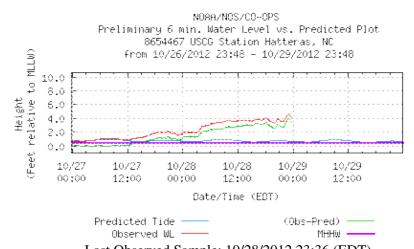


barometric pressure ———

Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 1004.5 mb

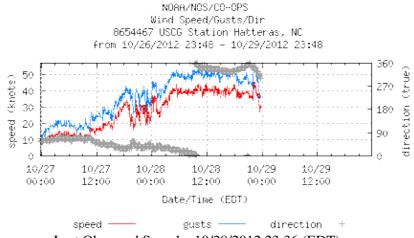
## USCG Station Hatteras, NC - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT)

Relative to MLLW: Observed: 4.16 ft. Predicted: 0.70 ft. Residual: 3.46 ft. Historical Maximum Water Level: Sep 3 2010, 4.04 ft. above MHHW

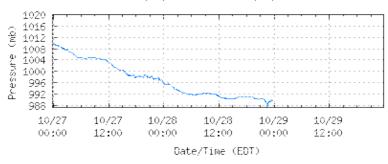
## USCG Station Hatteras, NC - Return to List



Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 31 knots Gusts: 36 knots Direction: 301° T

### USCG Station Hatteras, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8654467 USCG Station Hatteras, NC from 10/26/2012 23:48 - 10/29/2012 23:48

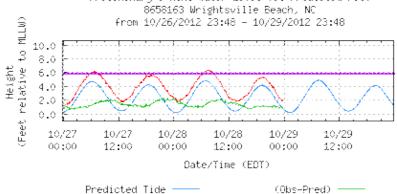


barometric pressure Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 989.7 mb

#### Wrightsville Beach, NC - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8658163 Wrightsville Beach, NC from 10/26/2012 23:48 - 10/29/2012 23:48



Observed WL

Last Observed Sample: 10/28/2012 23:36 (EDT)

HAT

Relative to MLLW: Observed: 1.84 ft. Predicted: 0.85 ft. Residual: 0.99 ft. Historical Maximum Water Level: Sep 25 2008, 2.81 ft. above MHHW

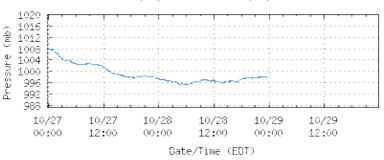
## Wrightsville Beach, NC - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8658163 Wrightsville Beach, NC from 10/26/2012 23:48 - 10/29/2012 23:48 360 50 speed (knots) 40 30 direction 180 20 90 10 0 1.0/29 10/27 1.0/28 10/29 10/27 10/28 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) gusts direction speed

Last Observed Sample: 10/28/2012 23:36 (EDT) Wind Speed: 18 knots Gusts: 28 knots Direction: 314° T

#### Wrightsville Beach, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8658163 Wrightsville Beach, NC from 10/26/2012 23:48 - 10/29/2012 23:48



barometric pressure ——
Last Observed Sample: 10/28/2012 23:36 (EDT)

Barometric Pressure: 997.6 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS) National Oceanic and Atmospheric Administration | U.S. Department of Commerce